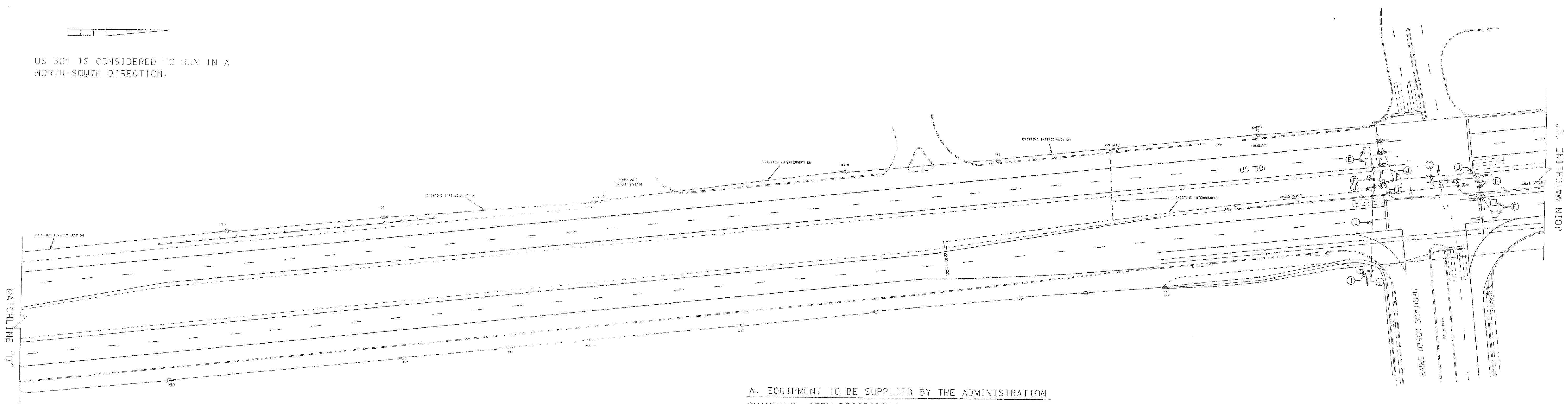


US 301 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.



CONSTRUCTION DETAILS

- A. INSTALL 12 PAIR COMMUNICATION CABLE JELLYFILLED (UNDERGROUND)
- B. INSTALL ASC 10,000 MASTER CONTROLLER AND MODEM INTO EXISTING CABINET
-(TO BE INSTALLED BY SHA SIGNAL FORCES)-
- C. INSTALL 3" SCH 80 RIGID PVC ELECTRICAL CONDUIT-TRENCHED
- D. INSTALL 3" SCH 80 RIGID PVC ELECTRICAL CONDUIT-BORED
- E. INSTALL 6X6 QUADRUPOLE LOOP DETECTOR (4 TURNS) ENCASED IN 1/4" FLEXIBLE TUBING
- F. INSTALL 1" GALVANIZED CONDUIT FOR DETECTOR SLEEVE-TRENCHED
- G. INSTALL 1" GALVANIZED CONDUIT FOR DETECTOR SLEEVE-BORED
- H. INSTALL ELECTRICAL HANDBOX
- I. USE EXISTING CONDUIT
- J. USE EXISTING HANDBOX
- K. USE EXISTING SPAN WIRE

GENERAL NOTES

- 1. UTILITIES SHOWN ARE SCHEMATIC ONLY AND MAY NOT REPRESENT UTILITIES ACTUALLY PRESENT IN THE FIELD. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL UTILITIES PRIOR TO BEGINNING ANY WORK AND SHALL NOTIFY THE PROJECT ENGINEER IF HE BELIEVES THAT A CONFLICT MAY EXIST.

SPECIAL NOTE

- 1. THE CONTRACTOR SHALL TAKE SPECIAL NOTICE AND CARE WHEN WORKING AROUND THE FIBER OPTIC CABLE WHICH IS PRESENT IN THE MEDIAN. UNDERGROUND MARKERS DO EXIST AS TO THE APPROXIMATE LOCATION OF THE CABLE BUT SHALL BE VERIFIED PRIOR TO BEGINNING ANY WORK.

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION

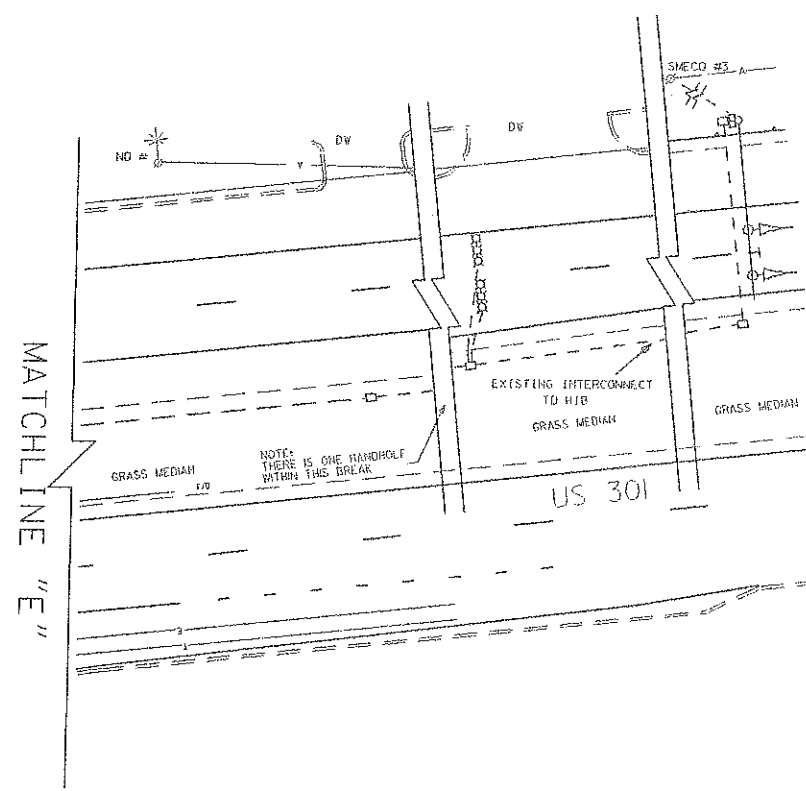
| QUANTITY | ITEM DESCRIPTION |
|----------|------------------------------|
| 1 EA | ASC 10,000 MASTER CONTROLLER |
| 1 EA | PHONE MODEM |

B. EQUIPMENT TO BE SUPPLIED AND/OR INSTALLED BY THE CONTRACTOR

| ITEM # | QUANTITY | ITEM DESCRIPTION |
|--------|----------|---|
| 1001 | 2 EA | MAINTENANCE OF TRAFFIC |
| 8037 | 1 EA | REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT-PER ASSIGNMENT |
| 8044 | 2600 LF | FURNISH AND INSTALL 3" SCH 80 RIGID PVC ELECTRICAL CONDUIT-TRENCHED |
| 8053 | 250 LF | FURNISH AND INSTALL 1" GALVANIZED ELECTRICAL CONDUIT-FOR DETECTOR SLEEVE |
| 8055 | 225 LF | FURNISH AND INSTALL 3" SCH 80 RIGID PVC ELECTRICAL CONDUIT-BORED |
| 8063 | 16 EA | FURNISH AND INSTALL ELECTRICAL HANDHOLE |
| 8068 | 5000 LF | FURNISH AND INSTALL 12-PAIR COMMUNICATION CABLE JELLYFILLED (UNDERGROUND) |
| 8073 | 2000 LF | FURNISH AND INSTALL 2-CONDUCTOR NO 14AWG ELECTRICAL CABLE (ALUMINUM SHIELDED) |
| 8078 | 1700 LF | FURNISH AND INSTALL LOOP WIRE ENCASED IN FLEXIBLE TUBING (NO 14AWG) |
| 8079 | 550 LF | FURNISH AND INSTALL SAW CUT FOR SIGNAL-LOOP DETECTOR |

C. EQUIPMENT TO BE RETURNED TO THE ADMINISTRATION

ALL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR



| | | | | | | | | | |
|-----------|--|--|--|---|--|-----------------|--|-------------------|--|
| REVISIONS | | APPROVALS | | MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION US 301 INTERCONNECT HERITAGE GREEN BLVD TO MD 6 LAPLATA, MD | | | | | |
| | | | | | | | | | |
| | | TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION | | DRAWN BY: C. Strain | | F.A.P. NO. | | TS NO. | |
| | | ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION | | CHECKED BY: M. Rucker | | S.H.A. NO. | | N/A | |
| | | CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION | | SCALE: 1:50 | | COUNTY: Charles | | T.I.M.S. NO. E208 | |
| | | DIRECTOR, TRAFFIC & SAFETY | | DATE: 3/15/01 | | LOG MILE: | | SHEET NO. 3 OF 3 | |